



History/Geography

| | | |
|----|-------------------|--|
| 1 | Russia | Where is it located? What is its physical geography? |
| 2 | Russia | Consider its status as a superpower. Look at the human geography and its status as a communist country. What is the same/ different when compared to the UK? |
| 3 | North America | Where is it located? What is its physical geography? |
| 4 | North America | Consider its status as a superpower. Look at the human geography and its capitalist ideals. What is the same/ different when compared to the UK? |
| 5 | The Space Race | What was it? Who was involved? Timeline of events. |
| 6 | Animals in Space | Why were animals sent into space? How did this enable man to get into space safely? |
| 7 | The Moon Landings | Who was involved? What happened? |
| 8 | Hidden Figures | Who was Katherine Johnson? How was she involved in the space programme? Why was this unusual at the time? |
| 9 | | |
| 10 | | |

Key People/Places/Facts

| | | |
|----|--------------------|--|
| 1 | Apollo 11 | The mission to put men on the moon |
| 2 | Galileo | Explored gravity and how the planets stay in the orbit |
| 3 | The solar system | The sun & 8 planets |
| 4 | Neil Armstrong | First person to step foot on the moon |
| 5 | Michael Collins | Manned the capsule on the first moon landing |
| 6 | Buzz Aldrin | The second man to set foot on the moon |
| 7 | Russia and the USA | Main countries involved in the Space Race |
| 8 | | |
| 9 | | |
| 10 | | |

Big Questions

| | | |
|---|---|------------------------------|
| 1 | Is there life on other planets? | Is the Christmas story true? |
| 2 | Was it right to send animals into space? | |
| 3 | Why is it important to look after our planet? | |
| 4 | What is the true meaning of Christmas to you? | |

Vocabulary

| | Tier 2 | Tier 3 | |
|--|---------------|------------------------------------|--|
| | Sphere | Sun moon astronaut cosmonaut | |
| | rotate | Star/ planet/ UFO | |
| | atmosphere | Orbit/ orbiting | |
| | sundial | Solar system/ planets | |
| | Shadow clock | Satellite/ milky way | |
| | Gravity/ axis | Astronomer | |
| | Universe | Heliocentric model | |
| | recount | Geocentric model | |
| | telescope | Celestial body | |

ENGLISH

Reading:

Read and discuss short stories.

Read and understand recounts, diary entries and eye witness accounts about UFO sightings.

Class Novel – UFO Diary by Satoshi Kitamura

Writing Opportunities:

Use inference and prediction to write a spooky short story.

Write a short story based on similar stories read.

Recount- build up to writing a first person account and newspaper report linked to a UFO sighting.

Write a diary entry about a UFO sighting.

Grammar:

The chn will:

explore word classes

explore noun phrases

use fronted adverbials

use adverbials for cohesion and paragraphs

use the perfect form to indicate time or cause.

SCIENCE – Earth and Space

Describe the movement of the Earth around the Sun and the movement of the moon around the Earth. Describe the Earth & Moon as spherical bodies and use the Earth's rotation to explain day & night. Understand that our Solar System is made up of eight planets with the Sun (a star) at its centre.

Understand that a moon is a celestial body that orbits its planet. Find out how ideas about the Solar System have developed.

Vocabulary

Earth, sun, moon, planets stars, solar system, dwarf planet, Mercury, Venus, Neptune, Jupiter, Earth, Uranus, Mars, Saturn, spherical, celestial body, shadow lock, sundial, astronomer, universe, satellite, eclipse, heat.

Year:5
Term:Aut2
Theme: Earth & space

MATHS – Multiplication and Division

- Multiples/ common multiples/ Factors/ common factors
- Prime numbers/ square numbers/ Cube numbers
- Multiply by 10, 100 & 1000/ Divide by 10, 100 & 1000
- Multiples of 10, 100 & 1000

Fractions

- Find fractions equivalent to a unit fraction/ none unit fraction
- Convert improper fractions to mixed numbers/ mixed numbers to improper fractions
- Compare and order fractions less than 1/ greater than one
- Add/ subtract fractions

ART & DT- Art- Space imagery

Understand and explain what retrofuturism is. Participate in discussions and offer ideas. Evaluate images using simple responses, sometimes using formal elements to extend ideas. Provide plausible suggestions for how a piece was created. Comfortably use different stimuli to draw from. Select and place textures to create a collagraph plate, applying an understanding of the material, which may be supported by testing. Generate a clear composition idea for a final piece that shows how it will be drawn. Apply confident skills to make an effective collagraph print.

MUSIC

PE

Rugby- WLSP

RE- The Christmas Story

Christianity

Is the Christmas story true? Evaluate different accounts of the Christmas Story and understand that stories can be interpreted in different ways. Read different versions and compare them.

Jigsaw/PSHE

Celebrating Differences – children will consider different cultures, racism, name calling, types of bullying, does money matter, celebrating difference across the world.

LANGUAGES

This half term the class will recap previous learning as well as learning the pronunciation of different emotions in French and body parts. The class will learn how to say where they live (cities and countries) and how to travel to continents /countries.

COMPUTING

Databases: children learn how to search a database; contribute to a class database; create a database.

